

Advanced Placement Courses and Exams

2023-24 School Year

Final Results



Advanced Placement Courses and Exams

The College Board offers Advanced Placement (AP) Exams in 40 courses, across seven subjects: AP Capstone, Arts, English, History and Social Sciences, Math and Computer Science; Sciences, and World Languages and Cultures. Students who earn a qualifying score (a score of 3 or higher) on an AP exam can receive college course credit. Everett Public Schools (EPS) administers AP exams to students in each high school.

About the Data

Data provided in this document is from the 2024 AP Score File and district course files. Data for student subgroups with small populations have been suppressed.

AP School Honor Roll Class of 2024

The AP School Honor Roll recognizes schools across four levels of distinction: Bronze, Silver, Gold, and Platinum. For a school to be recognized on the AP School Honor Roll, it must meet each of the following criteria anchored in research-based relationships between AP and college outcomes:

- College Culture: 40% or more of graduating cohort took at least one AP Exam during high school.
- College Credit: 25% or more of the graduating cohort scored a 3 or higher on at least one AP Exam during high school.
- College Optimization: 2% or more of the graduating cohort took five or more AP Exams during high school. At least one of those exams was taken in ninth or tenth grade, so that students are spreading their AP experience across grades rather than feeling disproportionate pressure in any single year.

For the graduating class of 2024, Henry M. Jackson High School was honored as a Silver AP School Honor Roll honoree with 65% of graduating seniors taking at least one AP course, 35% of graduates earning a college-credit qualifying score on an AP exam, and 10% of students taking at least five AP exams across their high school years with at least one taken in the ninth or tenth grade.

For the graduating class of 2024, Cascade High School did not receive a recognition award for the AP School Honor Roll. The school demonstrated progress towards the recognition with 38% of graduating seniors taking at least one AP course, 23% of graduates earning a college-credit qualifying score on an AP exam, and 6% of students taking at least five AP exams across their high school years with at least one taken in the ninth or tenth grade.

For the graduating class of 2024, Everett High School did not receive a recognition award for the AP School Honor Roll. The school demonstrated progress towards the recognition with 39% of graduating seniors taking at least one AP course, 26% of graduates earning a college-credit qualifying score on an AP exam, and 9% of students taking at least five AP exams across their high school years with at least one taken in the ninth or tenth grade.

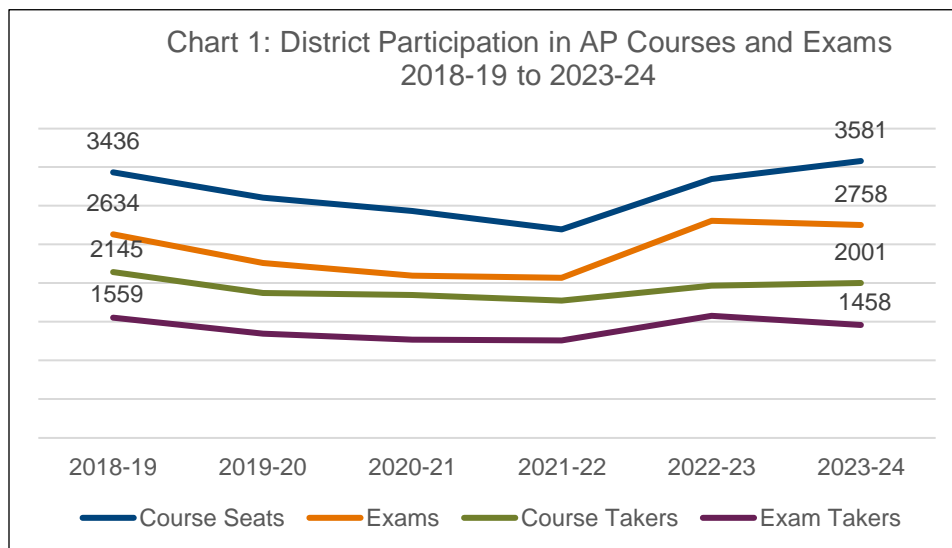
AP Participation School Year 2023-24

Courses and Exams

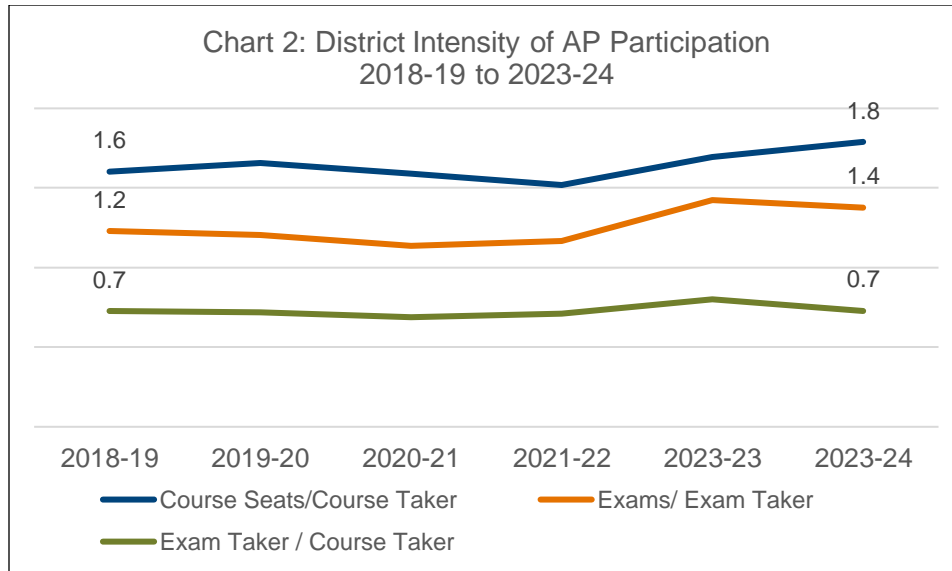
In the 2023-24 school year, 2,059 students participated in AP courses and/or exams at Everett Public Schools across 27 courses and 31 exams. Students took courses and exams in all seven course areas with History and Social Sciences being the most commonly taken course and exam area. The most commonly taken individual course was World History (451) followed by Environmental Science (283), Seminar (273), and English Language and Composition (273). The most commonly taken exams were World History (345), Seminar (241), and English Language and Composition (220).

District Level Trends

In 2023-24, 2,001 students took 3,581 AP courses, and 1,458 students took 2,758 AP exams, exceeding the pre-pandemic highs of 2018-19 in AP courses and exams taken (Chart 1). When compared to 2022-23 levels, the district saw a 7% increase in course seats, a 2% decrease in exams, a 1% increase in course takers, and an 8% decrease in exam takers.



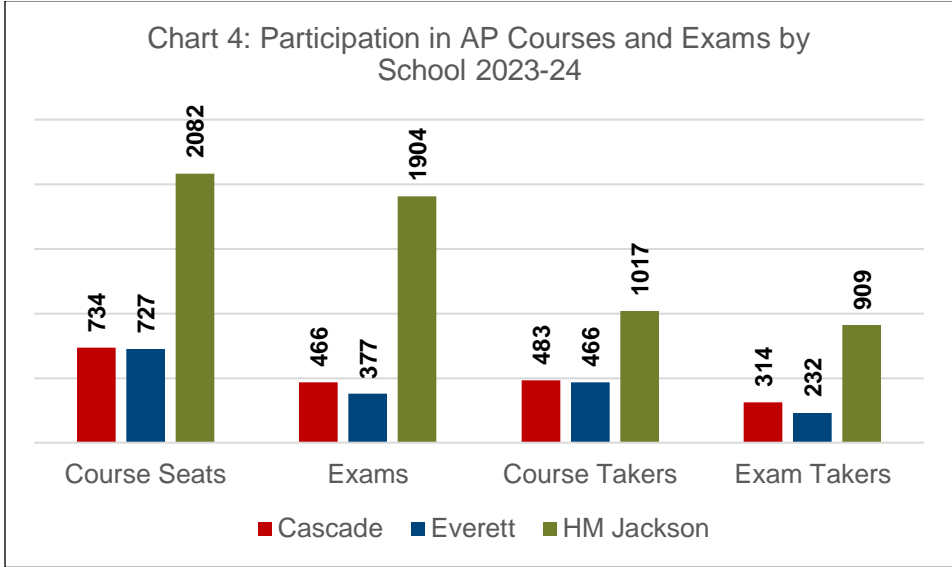
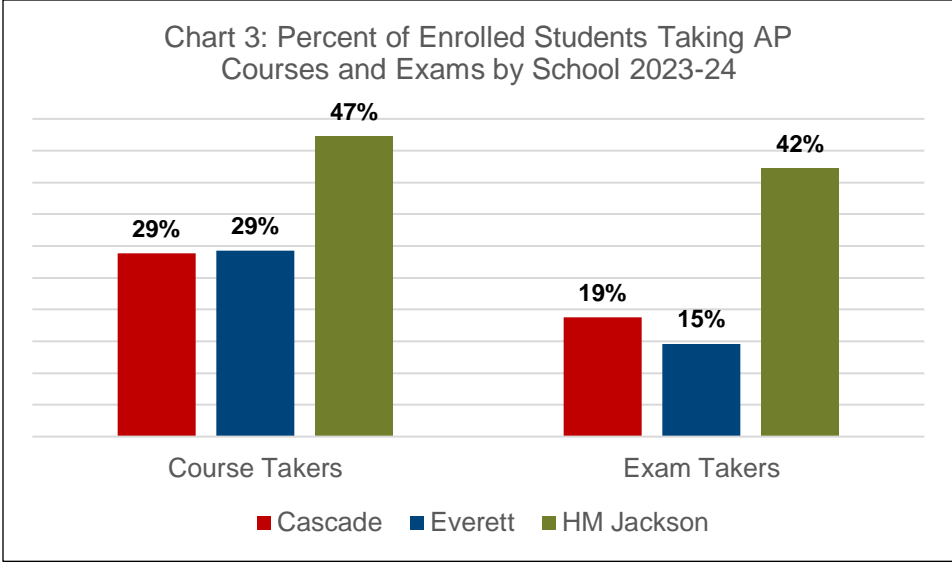
In addition, the intensity of individual participation increased in 2023-24, exceeding pre-pandemic highs in 2018-19 and exceeding the intensity rate for 2022-23. Participation intensity measures the ratio of course seats to course takers, exams to exam takers, and exam takers to course takers. In 2023-24, the ratio of course seats to course takers was 1.8, which indicates on average that each AP student took 1.8 AP courses. The ratio of exams to exam takers was 1.4. The ratio of exam takers to course takers was .7, which indicates that 70% of students who took an AP course also took an exam (Chart 2).



AP Participation by High School

In terms of participation, Henry M. Jackson High School had the largest number of AP course takers, exam takers, course seats, and exams taken. Though they are the largest high school as of May 1, 2024, with a headcount of 2,152 students, this does not account alone for the greater participation (Chart 3). They also had the highest proportion of unduplicated students taking courses and assessments. In 2024, 47% of students at Henry M. Jackson High School took at least one course and 42% of students took at least one exam. About one-third of students took AP courses at the other two traditional high schools; about one-fifth of students took AP exams at Cascade High School and one-sixth of students took AP exams at Everett High School (Chart 4). On average, students at Henry M. Jackson High School took 2.0 courses per AP course taker and 2.1 AP exams per exam taker (Chart 5). In addition, 90% of course takers took at least one exam at Jackson, 70% took at least one exam at Cascade, and 50% took at least one exam at Everett High. At Cascade and Everett high schools, course takers took about 1.5 AP courses and 1.6 AP courses respectively. In terms of exams, exam takers took about 1.5 exams at Cascade and 1.6 exams at Everett High.

AP participation metrics varied by school. From the 2022-23 school year to the 2023-24 school year, AP exams administered decreased by 6% at Cascade High School and decreased by 35% at Everett High School (Table 1), whereas AP exams administered at Henry M. Jackson High School increased by 10%. Cascade showed AP students taking 14% more AP courses, but there was no change in the overall number of students enrolled in AP classes. Everett High showed decreases in AP course seats (-6%), AP exams taken (-35%), number of AP course takers (-3%), and number of AP exam takers (-34%). Jackson showed increases in AP course seats (8%), AP exams taken (10%), number of AP course takers (2%) and number of AP exam takers (2%).



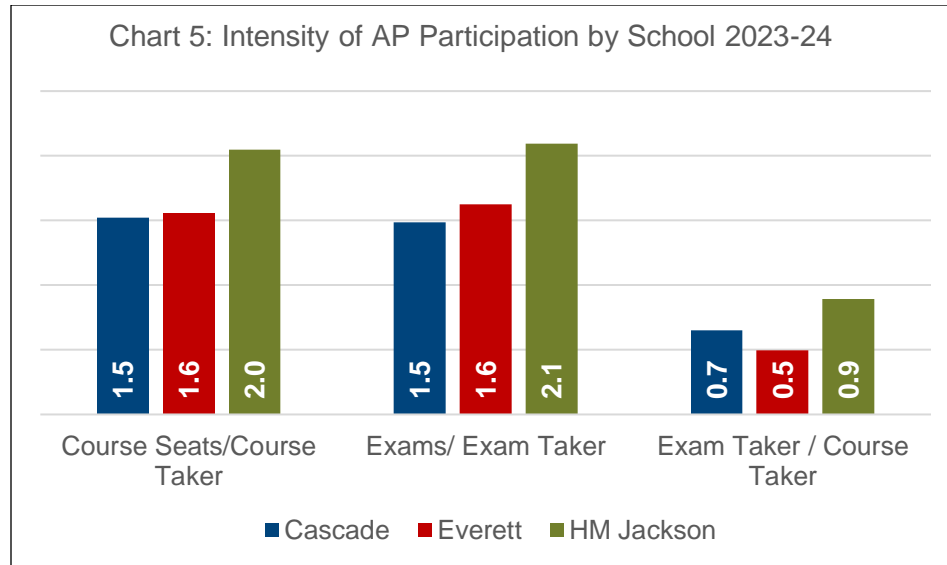
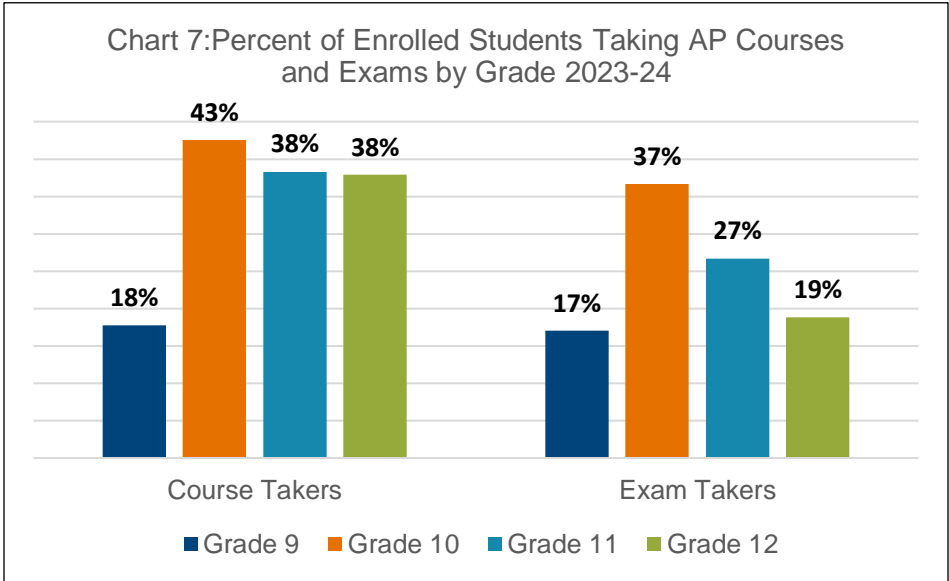
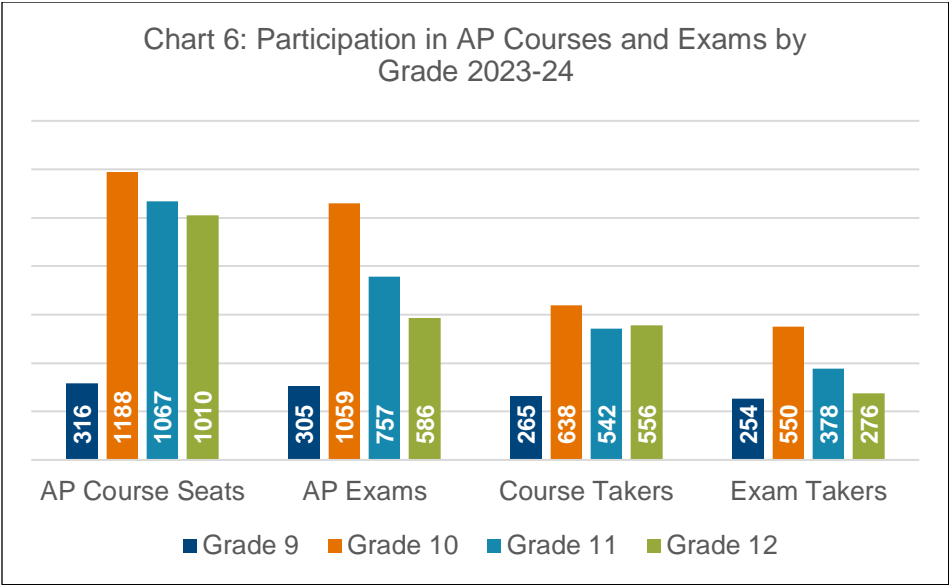


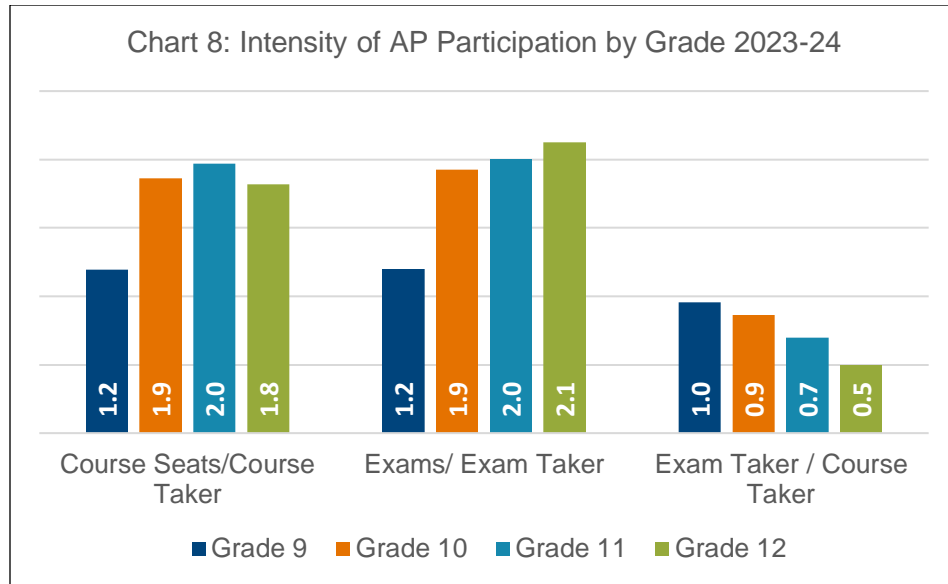
Table 1: Advanced Placement Participation Rate Changes 2022-23 to 2023-24			
	Cascade	Everett	Jackson
AP Course Seats	+14%	-6%	+8%
AP Exams	-6%	-35%	+10%
Course Takers	0%	-3%	+2%
Exam Takers	-4%	-34%	+2%

AP Participation by Grade Level

In the 2023-24 school year, grade ten students had the highest number of AP course takers (638), courses taken (1,188), AP exam takers (1,059), and exams taken (550). Proportionally, they were the largest as well with 43% of sophomores taking at least one course and 37% taking at least one exam (Chart 6). On average, sophomores who engaged in AP courses and exams took 1.9 per student of each. While a smaller proportion of enrolled juniors took AP courses (38%) and exams (27%), they engaged in a greater number of courses and exams at 2.0 course per course taker and 2.0 exams per exam taker (Chart 8).

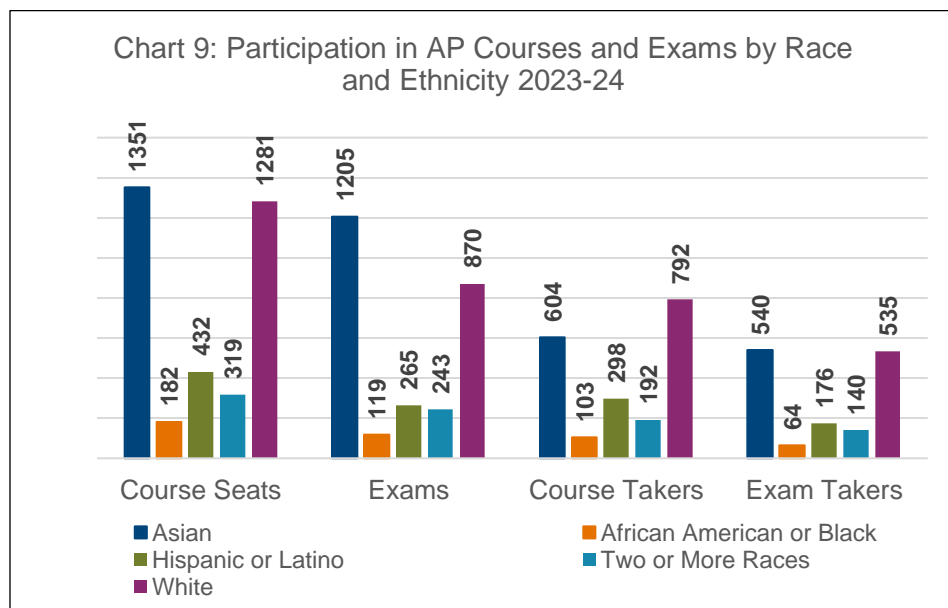
Students in grade nine had the lowest participation, which was not unexpected given the number of exams appropriate to their coursework. Still, 316 or 21% of ninth graders took AP courses and 305 or 20% took exams (Chart 7). Of the freshmen who took an AP course, 96% also took at least one AP exam.

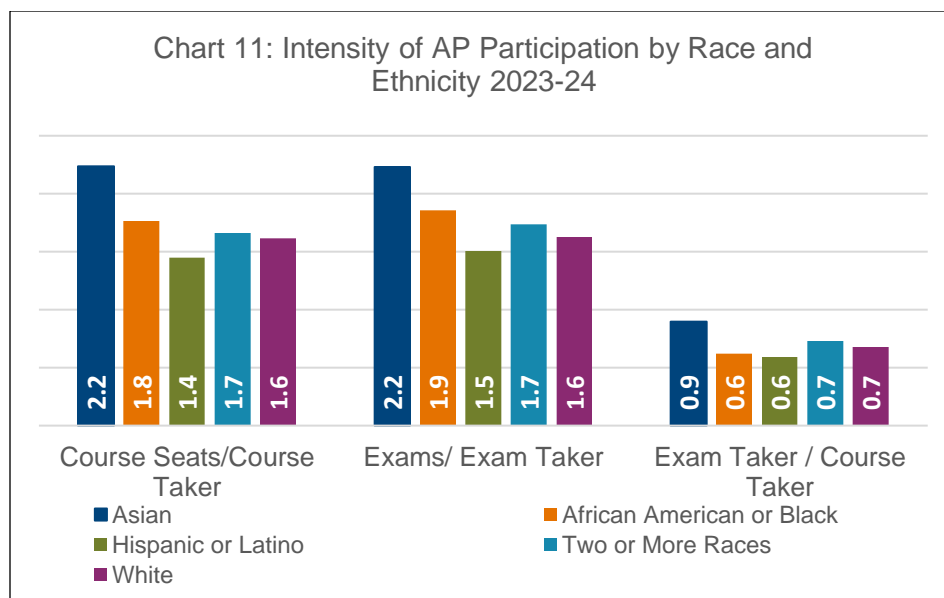
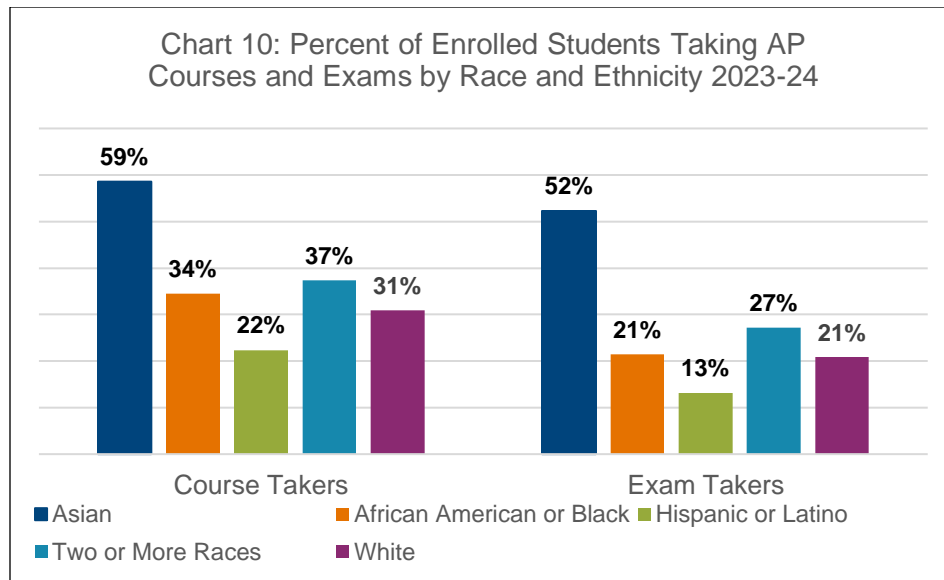




AP Participation by Race and Ethnicity

In terms of raw numbers, students who identified as Asian and White had the largest number of students participating in AP courses and exams (Chart 9). To be noted, students who identified as White make up the greatest proportion of students by race and ethnicity, yet they have nearly the same proportion of course and exam takers as do students who identified as Two or More Races or African American or Black (Chart 10). A larger proportion of students who identified as Asian were AP test takers and course takers at 52% and 59% respectively. In addition, students who identified as Asian took just over two tests per test taker and courses per course taker. Students who identified as Hispanic or Latino had the lowest engagement though their engagement is commensurate with the remaining groups (Chart 11). Only 22% of students who identified as Hispanic or Latino students were course takers and only 13% were exam takers.





AP Participation by Free or Reduced Meal Status

Though they make up 45% of the high school population, only 15% of students who qualified for Free or Reduced Meals took AP courses and 10% took AP exams (Chart 13). They also had a lower number of exam takers, course takers, exams, and course seats than their peers (Chart 12). Students who qualified for Free or Reduced Meals took fewer courses per student (1.5) and exams per exam taker (1.6) than their peers (Chart 14).

Chart 12: Participation in AP Courses and Exams by Free or Reduced Meal Status 2023-24

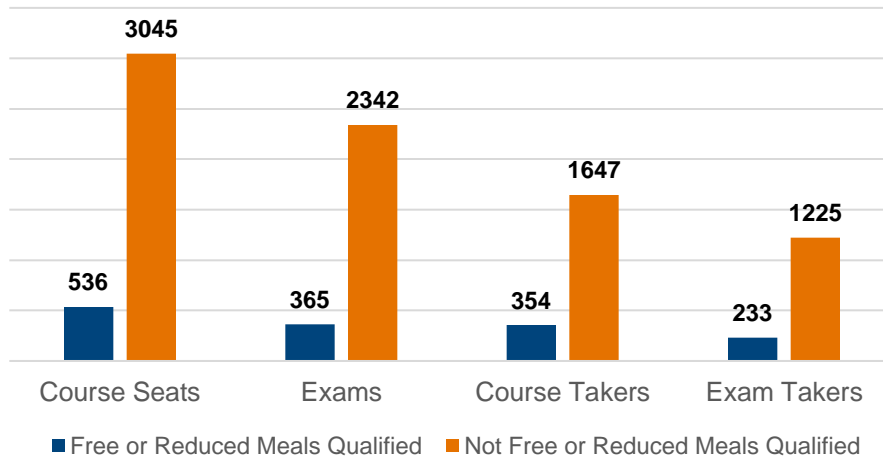
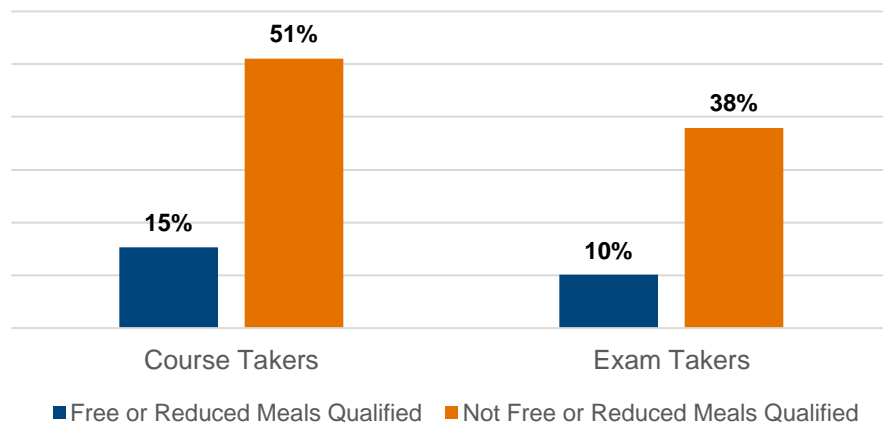
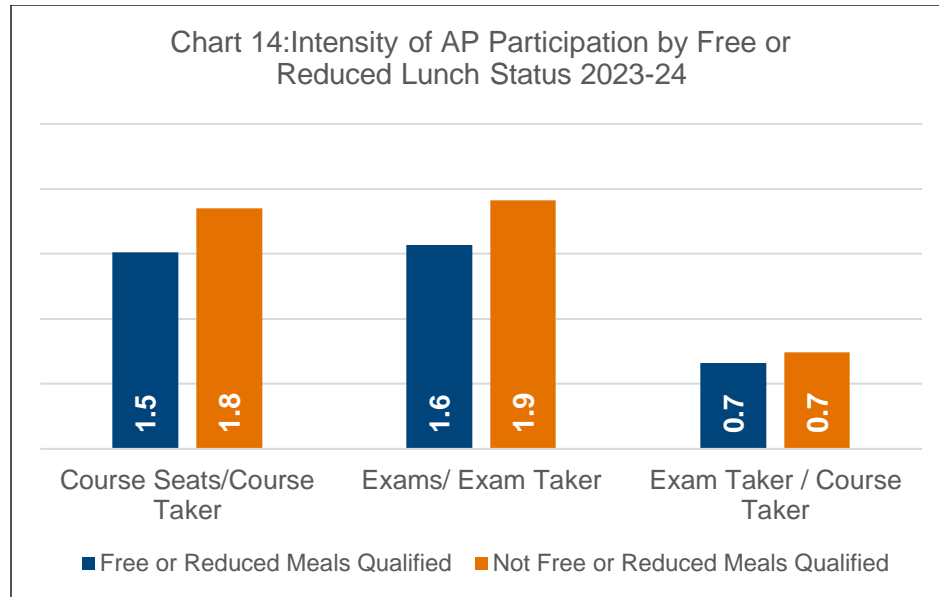


Chart 13: Percent of Enrolled Students Taking AP Courses and Exams by Free or Reduced Meal Status 2023-24





AP Qualifying Scores

Qualifying Scores by High School

In order to qualify for college credit, students must earn a qualifying score of 3 or higher on an AP exam. The number of exams varies by subject from one exam to 345. As such, the impact of a single score influences the mean score and the percentage of qualifying exams significantly. Of the 18 AP exams which had more than 50 test takers, more than 70% of students passed with a qualifying score on the following exams (Table 3): Biology, Calculus AB and BC, Chemistry, Computer Science Principles, English Literature, Human Geography, Physics 1, Psychology, Research, Seminar, U.S. Government and Politics, U.S. History, and World History. In addition, the following subject areas with more than 50 tests had mean scores higher than the qualifying benchmark of 3.0 (Table 2): Biology, Calculus AB and BC, Chemistry, Computer Science A, Computer Science Principles, English Literature, Environmental Science, Human Geography, Psychology, Research, Seminar, U.S. Government and Politics, U.S. History, and World History.

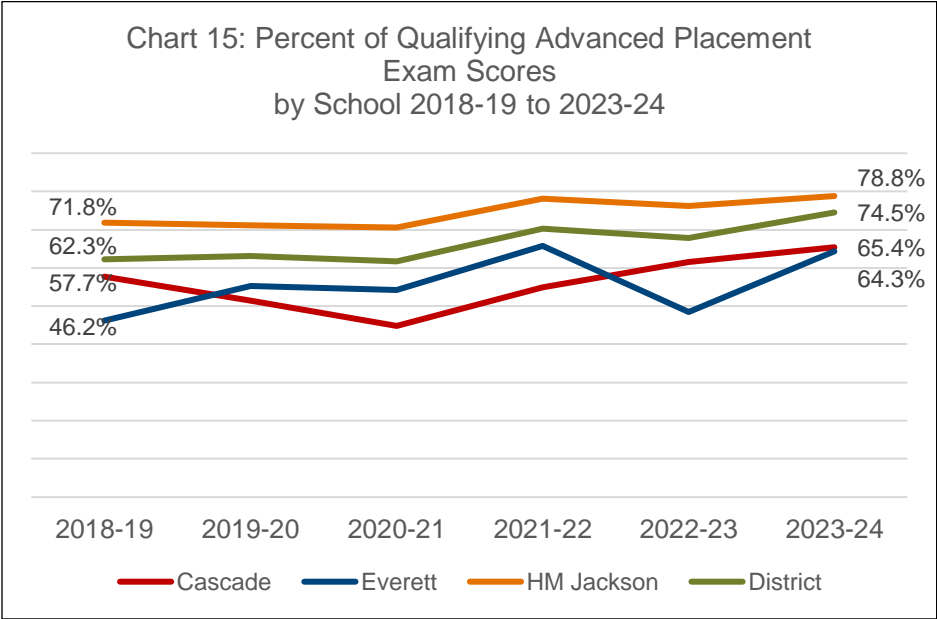
Table 2: AP Exam Mean Scores	Cascade	Everett	Jackson	District
Art History				
Biology			3.47	3.47
Calculus AB	3.3	2.75	3.87	3.68
Calculus BC	4	*	3.84	3.74
Chemistry	3	2.44	3.87	3.51
Chinese Language		*	*	*
Computer Science A		3	3.23	3.18
Computer Science Principles	3.13		3.34	3.29
English Language Comprehension	2.36	2.56	3.16	2.95
English Literature Comprehension	3.13	3.56	3.59	3.53
Environmental Science	2.39	2.75	3.61	3.25
German Language			*	*
Human Geography	3	2.75	3.67	3.34
Italian Language				
Macroeconomics			3.48	3.48
Microeconomics			3.5	3.5
Music Theory				
Physics 1	2.39	1.43	2.67	2.64
Physics 2			3.69	3.69
Physics C: Mechanics			*	*
Precalculus		*		*
Psychology	3	2.5	3.73	3.59
Research	3.4	3.04	3.15	3.19
Seminar	2.99	2.91	3.23	3.1
Spanish Language	2.55	2.5	3	3.67
Statistics	3.25	1.89	3.23	2.94
Studio Art 2D	*	*	3.64	3.65
Studio Art 3D		*	*	*
Studio Art Drawing	*	*	*	*
US Govt. & Politics	3.64	3.12	3.91	3.76
US History	3.37	3.11	3.85	3.52
World History	3.15	3.11	3.8	3.52

* Suppressed due to small population size

Table 3: Percent Qualifying AP Exams	Cascade	Everett	Jackson	District
Art History				
Biology			90%	80%
Calculus AB	65%	*	85%	80%
Calculus BC	*		82%	80%
Chemistry	73%	*	91%	83%
Chinese Language			*	80%
Computer Science A		*	66%	66%
Computer Science Principles	*		79%	78%
English Language Comprehension	42%	48%	69%	62%
English Literature Comprehension	69%	84%	92%	87%
Environmental Science	37%	50%	77%	66%
German Language			*	*
Human Geography	60%	56%	84%	73%
Italian Language				
Macroeconomics			78%	78%
Microeconomics			85%	85%
Music Theory				
Physics 1	32%		49%	45%
Physics 2			81%	81%
Physics C: Mechanics			*	80%
Psychology	*	40%	81%	76%
Research	90%	88%	81%	85%
Seminar	88%	76%	90%	87%
Spanish Language	45%	*	67%	56%
Statistics	*	30%	70%	62%
Studio Art 2D	*	*	93%	96%
Studio Art 3D		*	*	86%
Studio Art Drawing	*	*	*	85%
US Govt. & Politics	91%	72%	89%	86%
US History	77%	78%	88%	82%
World History	66%	66%	88%	79%
Organization Total	66%	64%	79%	75%

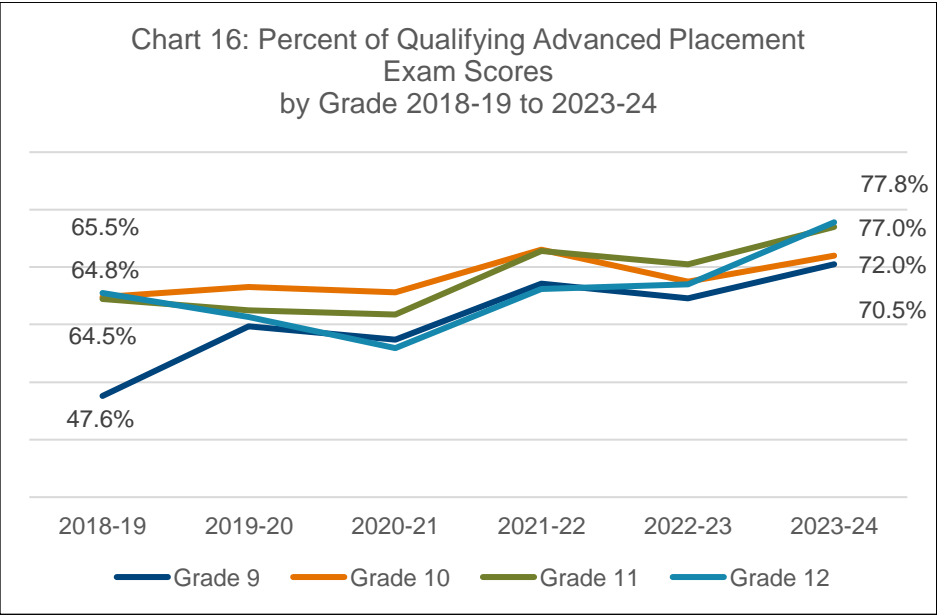
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At every high school, the percentage of AP exams with qualifying scores exceeded the pre-pandemic highs of the 2018-19 school year and increased from the 2022-23 school year. Everett High School showed the largest increase in qualifying scores from the 2022-23 school year with an increase of 15.8% (Chart 15). Everett High School and Henry M. Jackson High School showed smaller increases of 3.9% and 2.6% respectively.



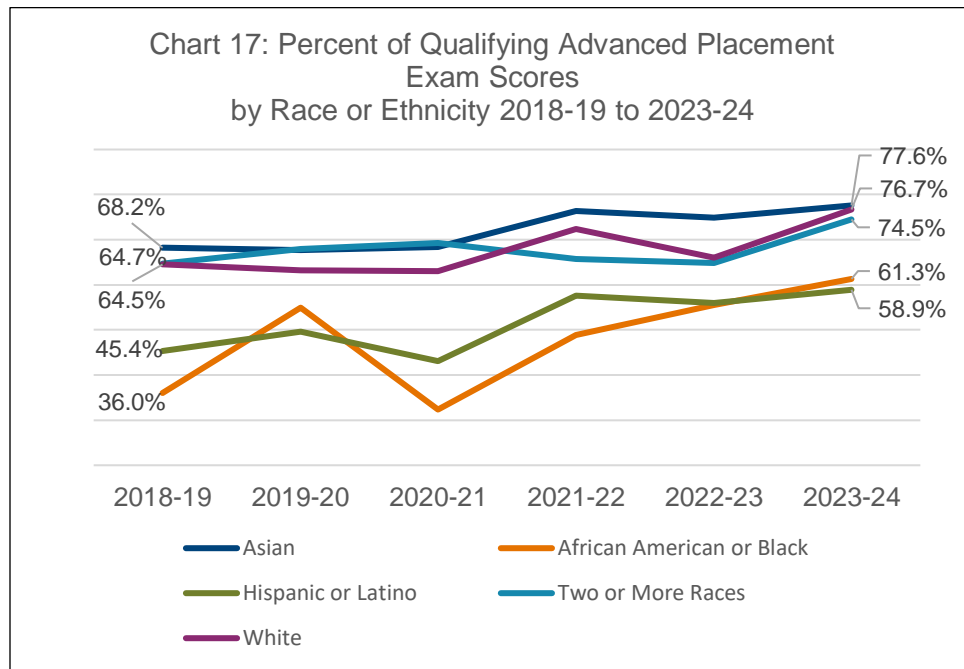
Qualifying Scores by Grade Level

The percentage of AP qualifying scores has increased at every grade level from the pre-pandemic 2018-19 school year and increased from the 2022-23 school year. In particular, the percentage of ninth grade students with qualifying scores increased from 47.6% in the 2018-19 school year and 64.6% in the 2022-23 school year to 70.5% in the 2023-24 school year (Chart 16). Overall, qualifying scores increased by 12.2% from 62.3% in 2018-19 to 74.5% in 2023-24.



Qualifying Scores by Race and Ethnicity

All race or ethnicity groups increased in the percentage of students earning qualifying scores. Students who identified as Asian or Hispanic or Latino had the smallest increases of 2.7% and 2.9% respectively (Chart 17). Students who identified as African American or Black showed an increase of 5.8% in qualifying scores. The highest increases in qualifying scores were reported for students who identified as Two or More Races (9.7%) and White (10.7%).



Qualifying Scores by Free and Reduced Meal Status

The gap closed by almost 10% between the rate of qualifying scores for students who qualify for Free or Reduced Meals and the rate for students who do not qualify for Free or Reduced Meals (Chart 18). The gap between students who qualify for Free or Reduced Meals and for students who do not qualify was 18.3% for the 2023-24 school year. The overall trend for both students who qualify for Free or Reduced Meals and for those who do not qualify for Free or Reduced Meals showed incremental increases. The increase in qualifying scores from 2022-23 to 2023-24 was 5.1% for students who qualify for Free or Reduced Meals and 6.3% for students who do not qualify for Free or Reduced Meals.

Chart 18: Percent of Qualifying Advanced Placement
Exam Scores
by Free or Reduced Meals Status 2023-24

